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FIG. 1A

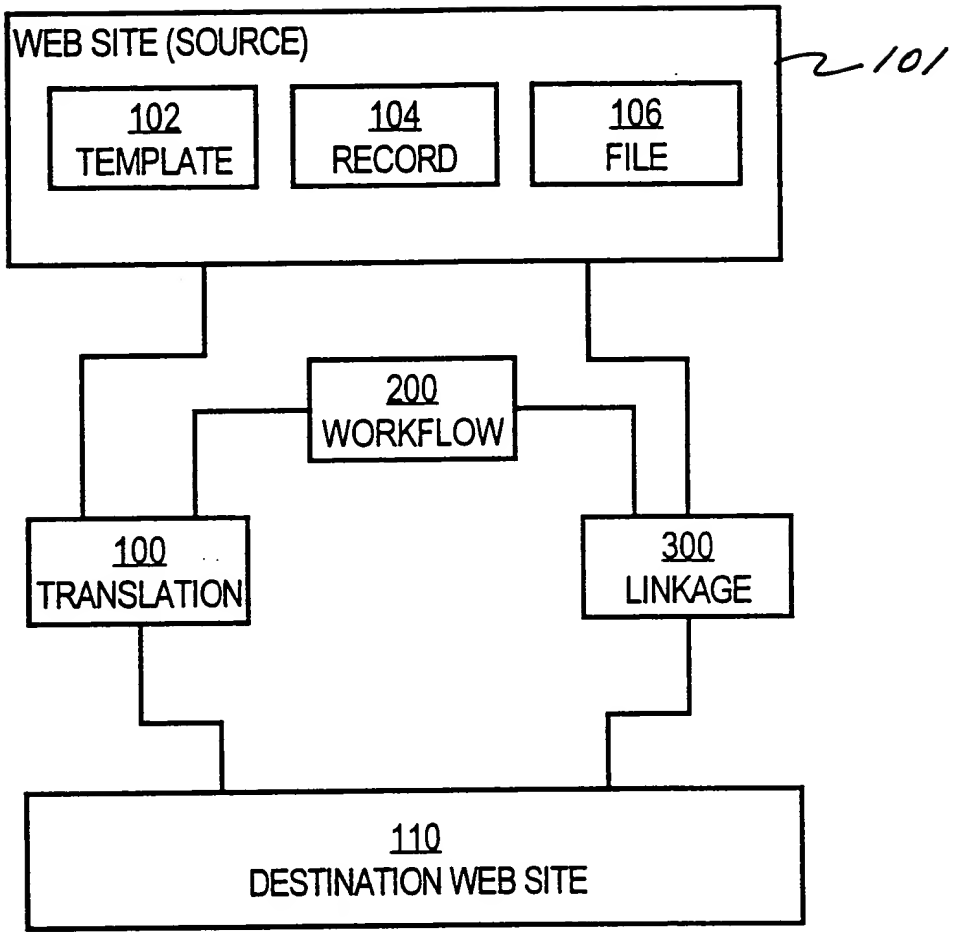

WEB SITE (SOURCE)
101
102
TEMPLATE
104
RECORD
106
FILE
200
WORKFLOW
100
TRANSLATION
300
LINKAGE
110
DESTINATION WEB SITE

FIG. 1B

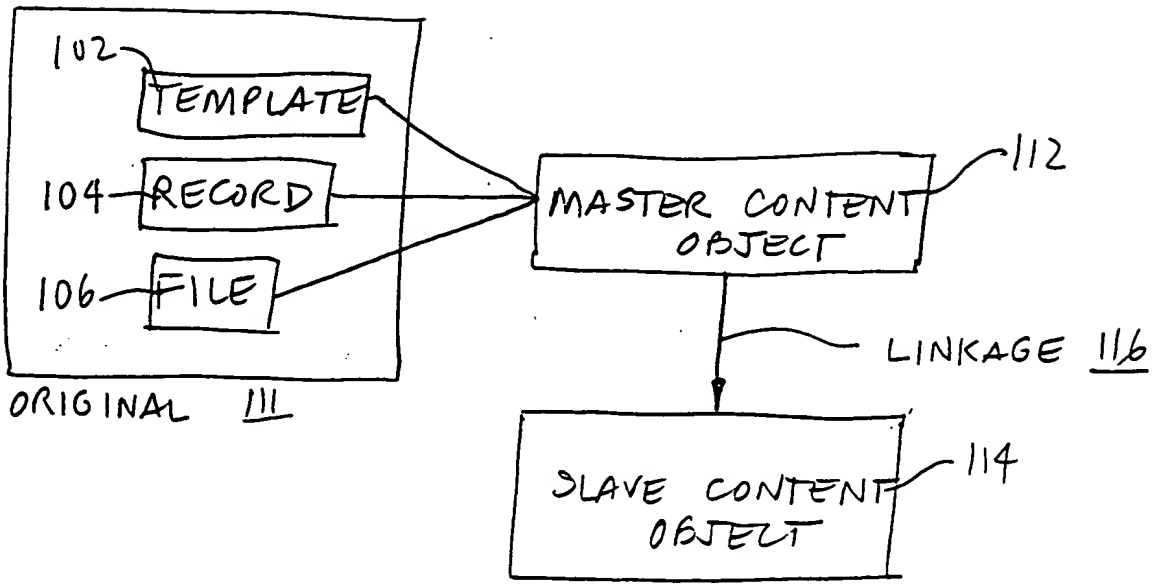

102
TEMPLATE
104
RECORD
106
FILE
ORIGINAL 111
MASTER CONTENT OBJECT
112
LINKAGE 116
SLAVE CONTENT OBJECT
114

FIG. 1C

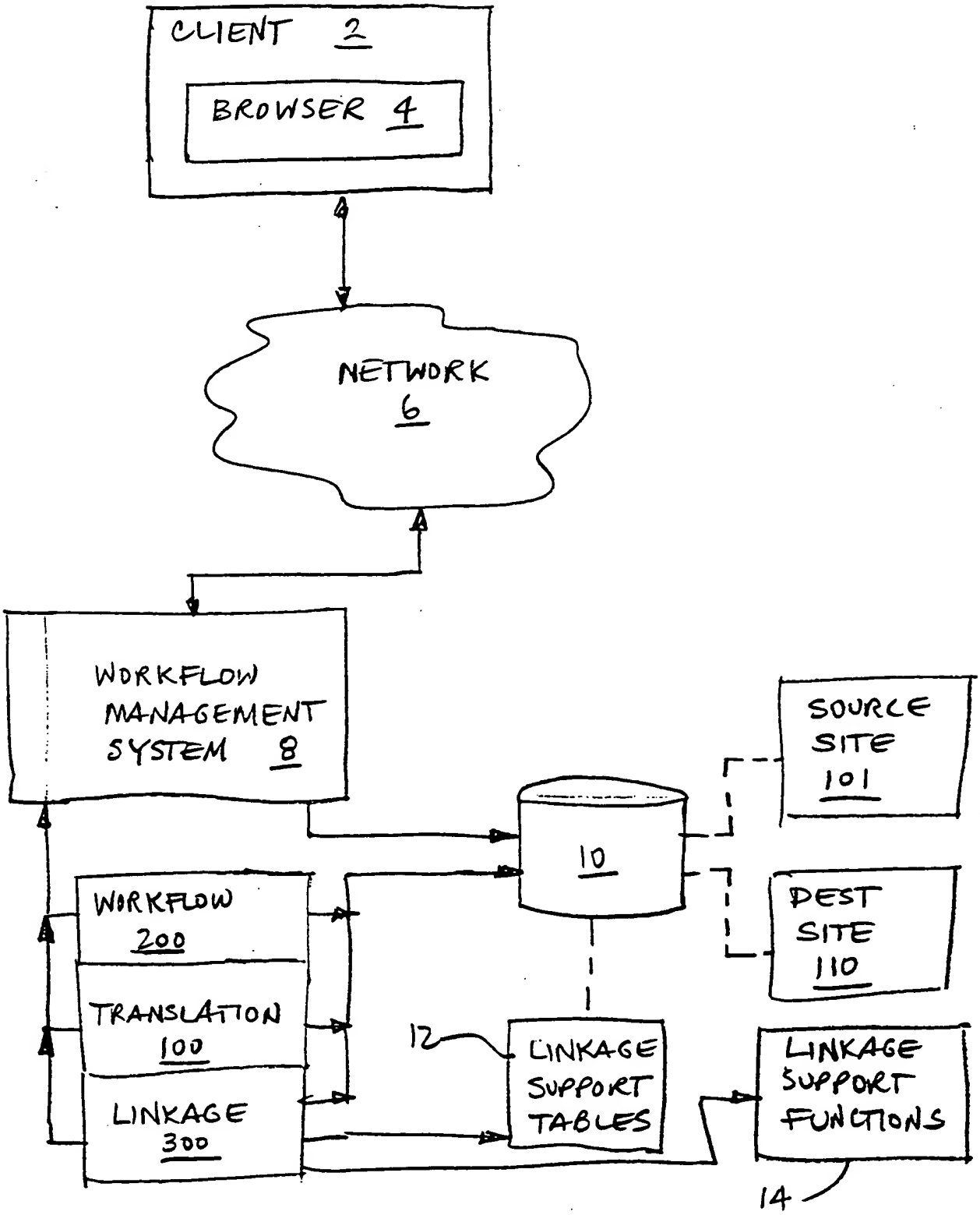

CLIENT 2
BROWSER 4
NETWORK 6
WORKFLOW MANAGEMENT SYSTEM 8
SOURCE SITE 101
10
DEST SITE 110
WORKFLOW 200
TRANSLATION 100
LINKAGE 300
12
LINKAGE SUPPORT TABLES
LINKAGE SUPPORT FUNCTIONS
14

FIG. 2A

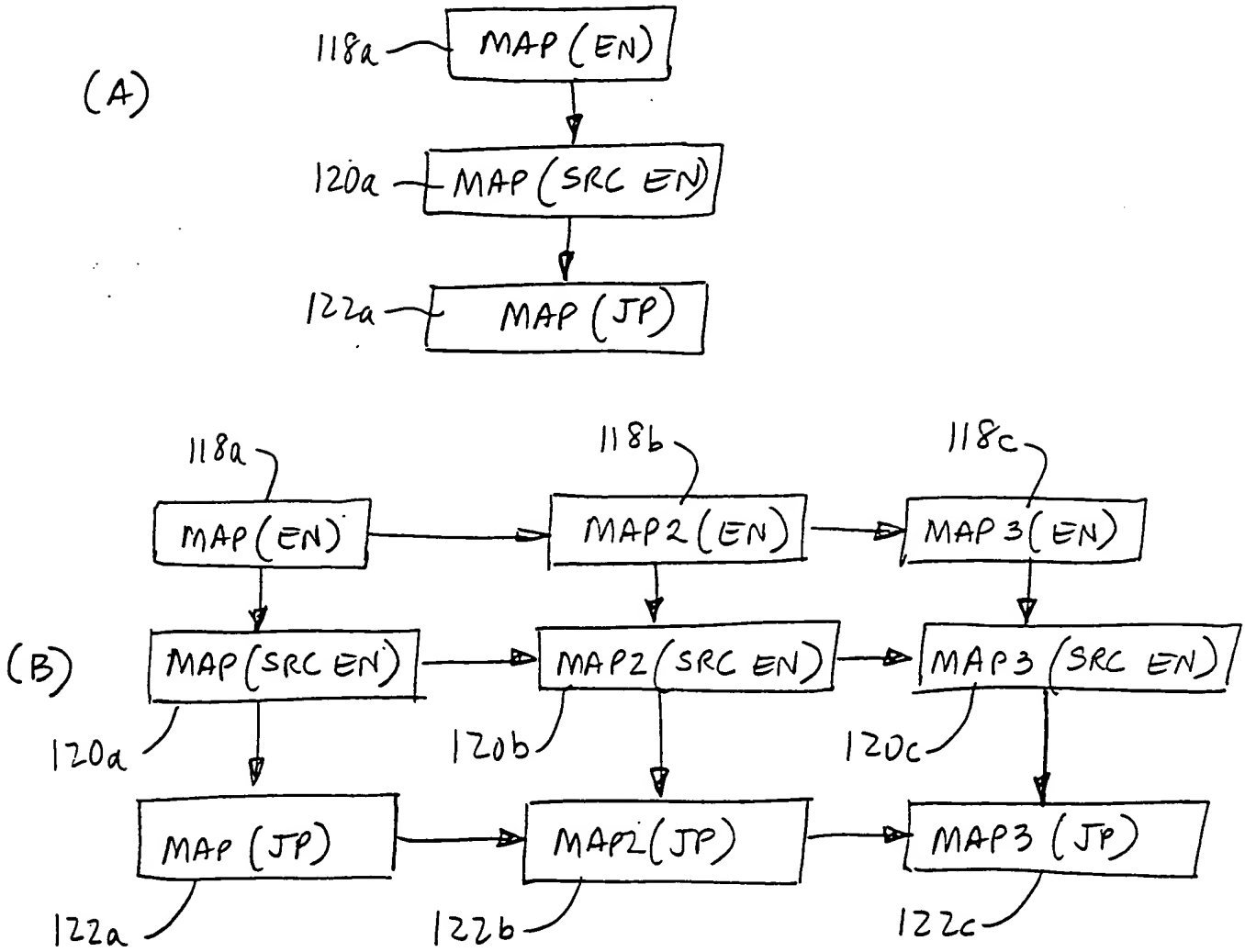

(A)
118a
MAP (EN)
120a
MAP (SRC EN)
122a
MAP (JP)
(B)
118a
MAP (EN)
118b
MAP2 (EN)
118c
MAP 3 (EN)
MAP (SRC EN)
MAP2 (SRC EN)
MAP 3 (SRC EN)
120a
120b
120c
MAP (JP)
MAP2 (JP)
MAP3 (JP)
122a
122b
122c

FIG. 2B

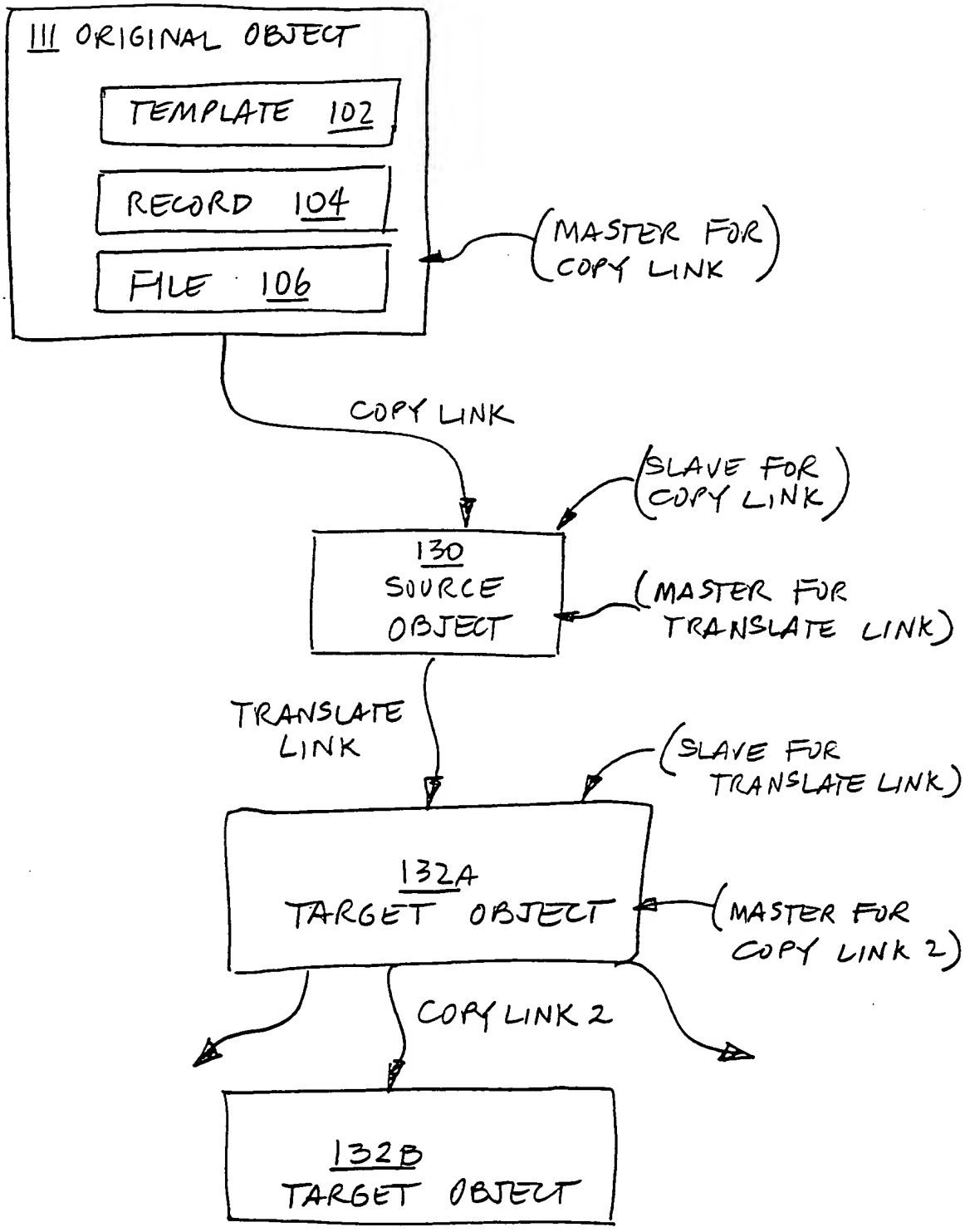
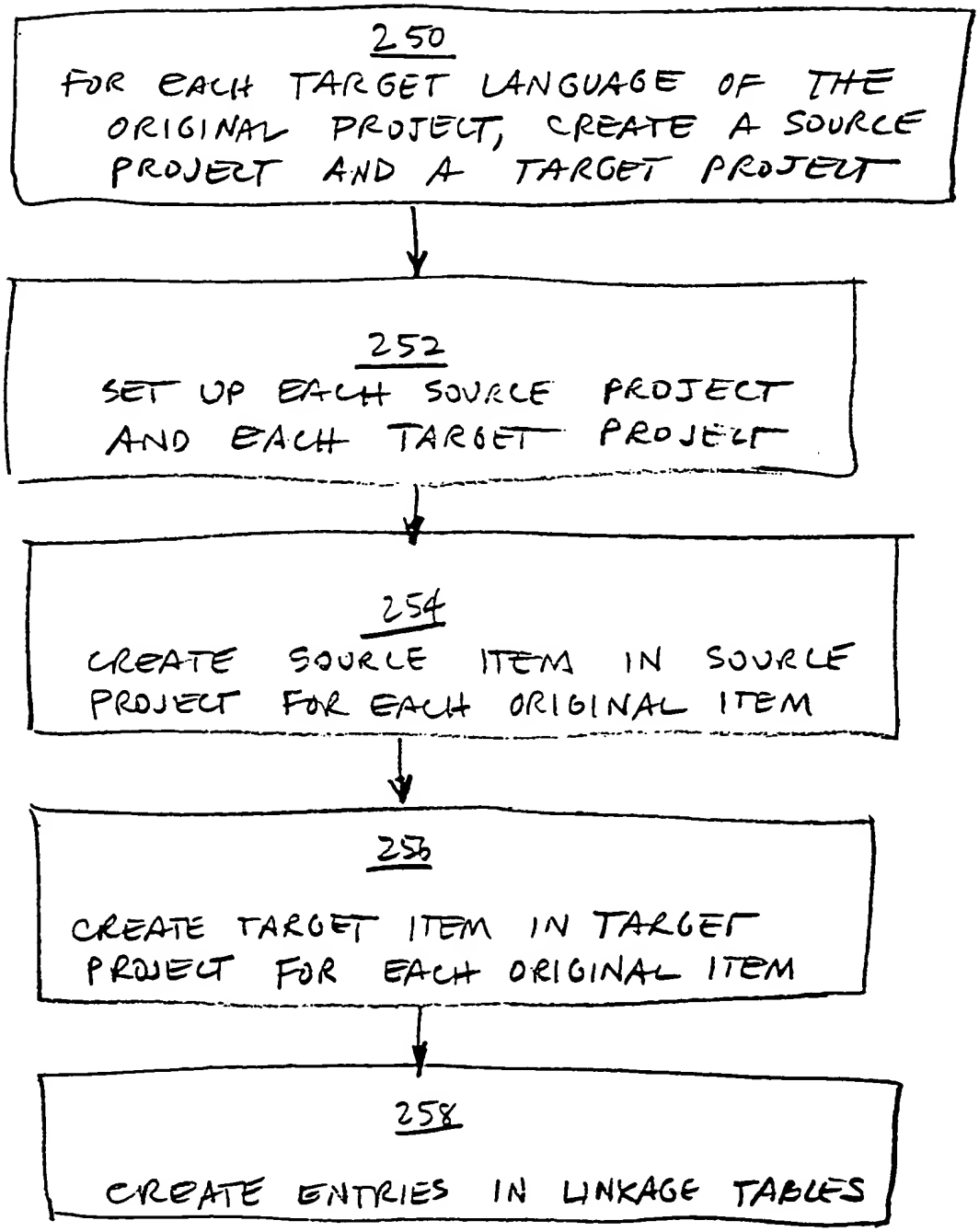

111 ORIGINAL OBJECT
TEMPLATE 102
RECORD 104
FILE 106
(MASTER FOR COPY LINK)
COPY LINK
(SLAVE FOR COPY LINK)
130
SOURCE OBJECT
(MASTER FOR TRANSLATE LINK)
TRANSLATE LINK
(SLAVE FOR TRANSLATE LINK)
132A
TARGET OBJECT
(MASTER FOR COPY LINK 2)
COPY LINK 2
132B
TARGET OBJECT

FIG. 2C


250
FOR EACH TARGET LANGUAGE OF THE ORIGINAL PROJECT, CREATE A SOURCE PROJECT AND A TARGET PROJECT
252
SET UP EACH SOURCE PROJECT AND EACH TARGET PROJECT
254
CREATE SOURCE ITEM IN SOURCE PROJECT FOR EACH ORIGINAL ITEM
256
CREATE TARGET ITEM IN TARGET PROJECT FOR EACH ORIGINAL ITEM
258
CREATE ENTRIES IN LINKAGE TABLES

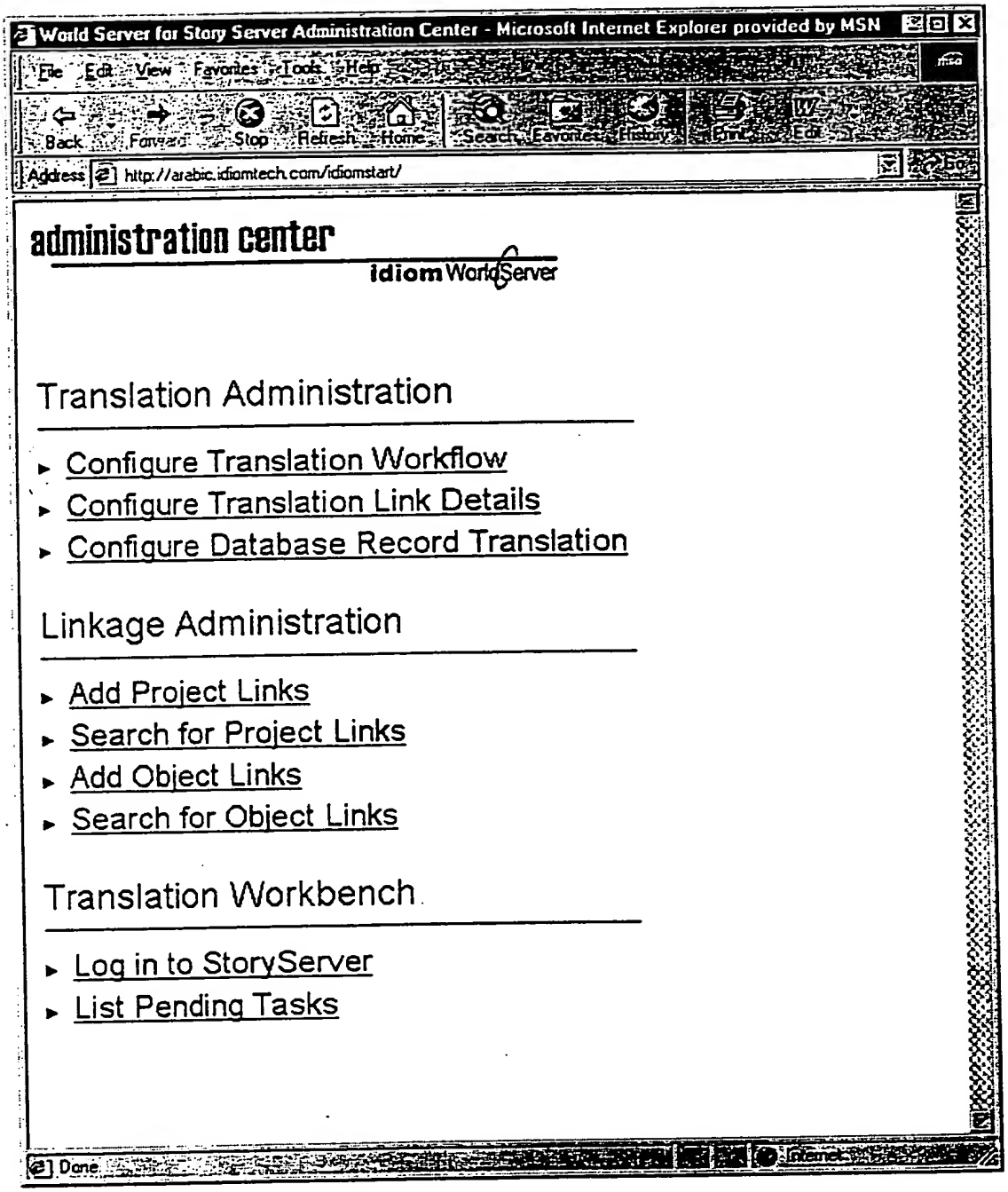

World Server for Story Server Administration Center - Microsoft Internet Explorer provided by MSN
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Print Edit
Address http://arabic.idiomtech.com/idiomstart/
administration center
idiom WorldServer
Translation Administration
Configure Translation Workflow
Configure Translation Link Details
Configure Database Record Translation
Linkage Administration
Add Project Links
Search for Project Links
Add Object Links
Search for Object Links
Translation Workbench
Log in to StoryServer
List Pending Tasks
Done
Internet

FIG. 3A

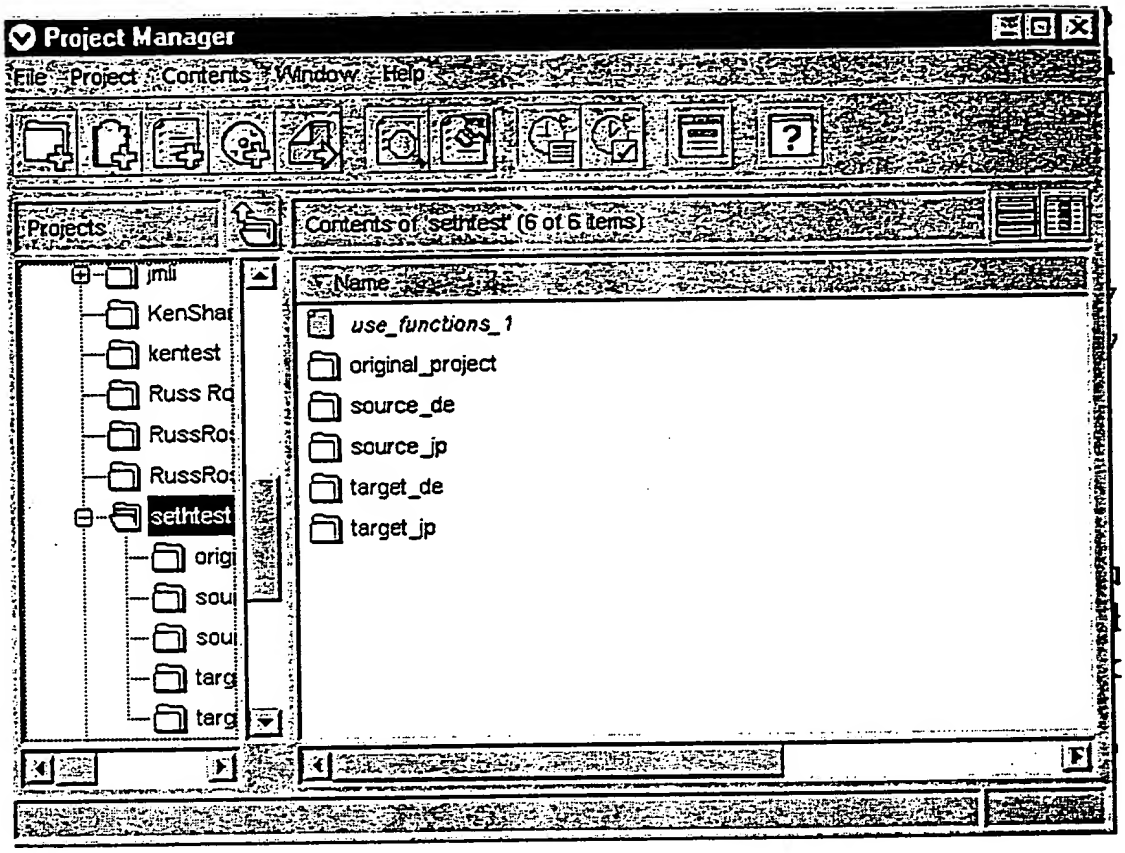

Project Manager
File Project Contents Window Help
Projects
Contents of 'sethtest' (6 of 6 items)
Name
jmli
KenShat
kentest
Russ Ro
RussRos
RussRos
sethtest
origi
soui
soui
targ
targ
use_functions_1
original_project
source_de
source_jp
target_de
target_jp

FIG. 3B

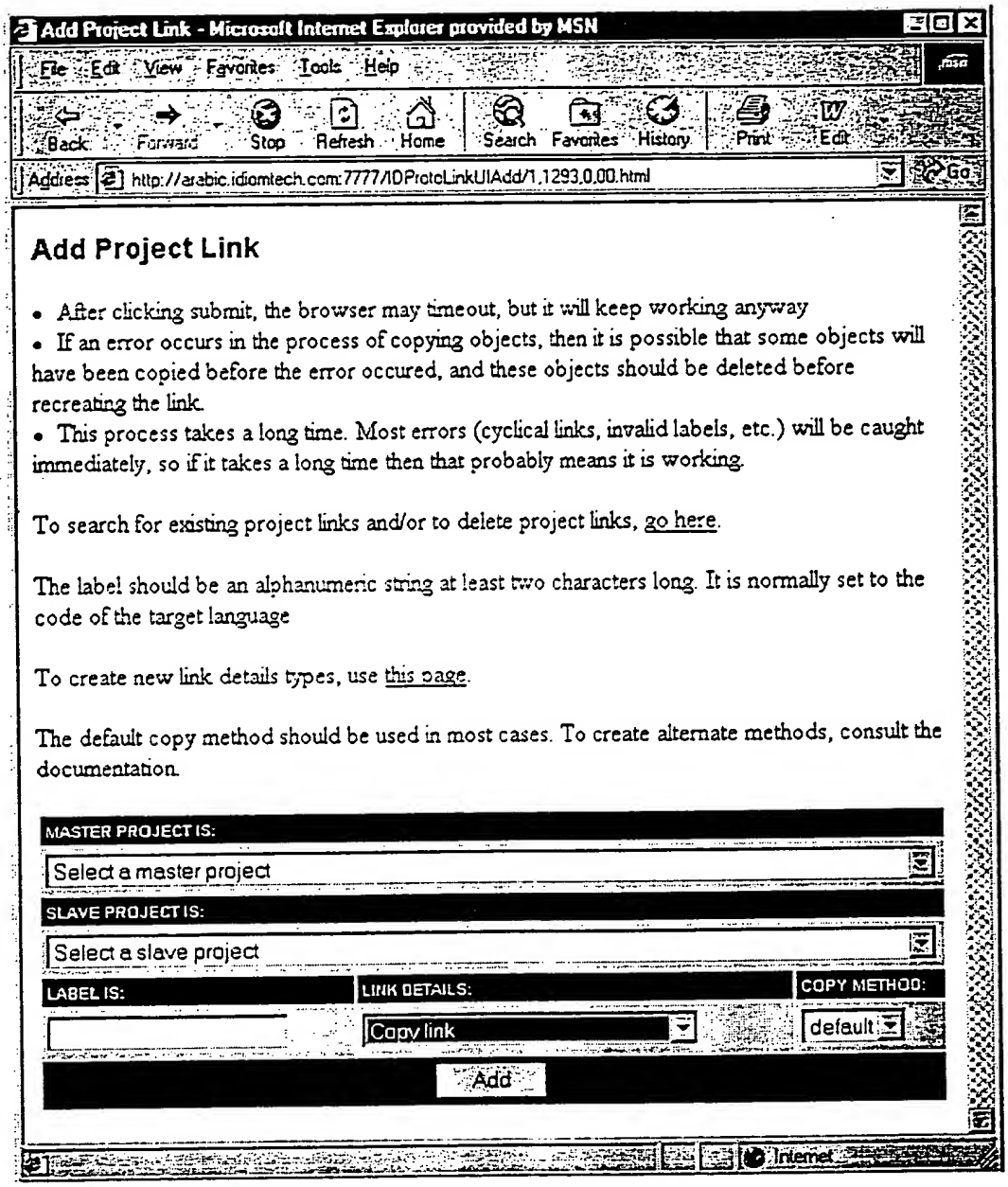

Add Project Link - Microsoft Internet Explorer provided by MSN
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Print Edit
Address http://arabic.idiomtech.com:7777/IDProtoLinkUIAdd/1,1293,0,00.html
Go
Add Project Link
• After clicking submit, the browser may timeout, but it will keep working anyway
• If an error occurs in the process of copying objects, then it is possible that some objects will have been copied before the error occured, and these objects should be deleted before recreating the link.
• This process takes a long time. Most errors (cyclical links, invalid labels, etc.) will be caught immediately, so if it takes a long time then that probably means it is working.
To search for existing project links and/or to delete project links, go here.
The label should be an alphanumeric string at least two characters long. It is normally set to the code of the target language
To create new link details types, use this page.
The default copy method should be used in most cases. To create alternate methods, consult the documentation.
MASTER PROJECT IS:
Select a master project
SLAVE PROJECT IS:
Select a slave project
LABEL IS:
LINK DETAILS:
COPY METHOD:
Copy link
default
Add
Internet

FIG. 3C

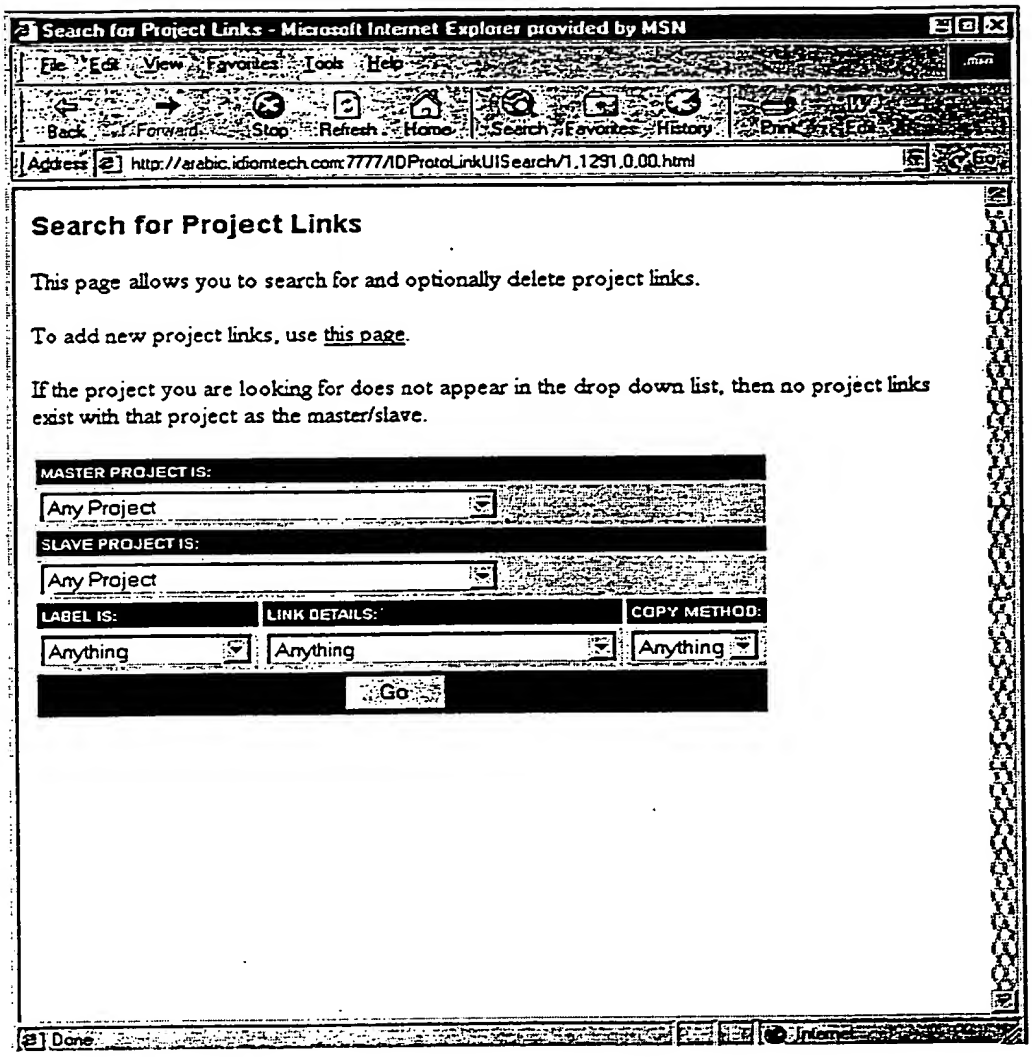

Search for Project Links - Microsoft Internet Explorer provided by MSN
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History
Address http://arabic.idiomtech.com:7777/ID ProtoLinkUISearch/1,1291,0,00.html
Search for Project Links
This page allows you to search for and optionally delete project links.
To add new project links, use this page.
If the project you are looking for does not appear in the drop down list, then no project links exist with that project as the master/slave.
MASTER PROJECT IS:
Any Project
SLAVE PROJECT IS:
Any Project
LABEL IS:
LINK DETAILS:
COPY METHOD:
Anything
Anything
Anything
Go
Done

FIG. 3D

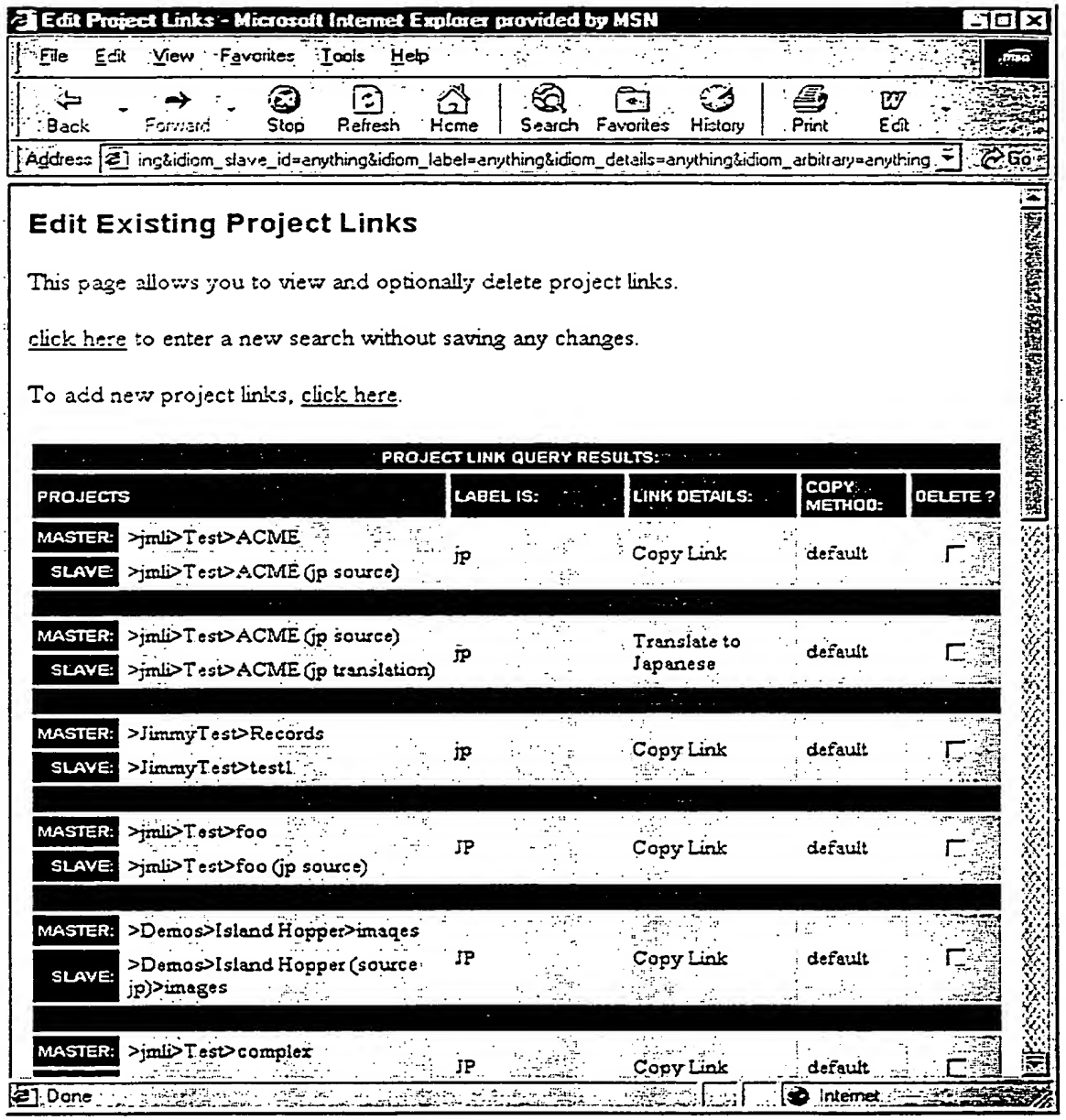

Edit Project Links - Microsoft Internet Explorer provided by MSN
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Print Edit
Address ing&idiom_slave_id=anything&idiom_label=anything&idiom_details=anything&idiom_arbitrary=anything
Go
Edit Existing Project Links
This page allows you to view and optionally delete project links.
click here to enter a new search without saving any changes.
To add new project links, click here.
PROJECT LINK QUERY RESULTS:
PROJECTS
LABEL IS:
LINK DETAILS:
COPY METHOD:
DELETE ?
MASTER: >jmli>Test>ACME
SLAVE: >jmli>Test>ACME (jp source)
jp
Copy Link
default
MASTER: >jmli>Test>ACME (jp source)
SLAVE: >jmli>Test>ACME (jp translation)
JP
Translate to Japanese
default
MASTER: >JimmyTest>Records
SLAVE: >JimmyTest>test1
jp
Copy Link
default
MASTER: >jmli>Test>foo
SLAVE: >jmli>Test>foo (jp source)
JP
Copy Link
default
MASTER: >Demos>Island Hopper>images
SLAVE: >Demos>Island Hopper (source jp)>images
JP
Copy Link
default
MASTER: >jmli>Test>complex
JP
Copy Link
default
Done
Internet

FIG. 3E

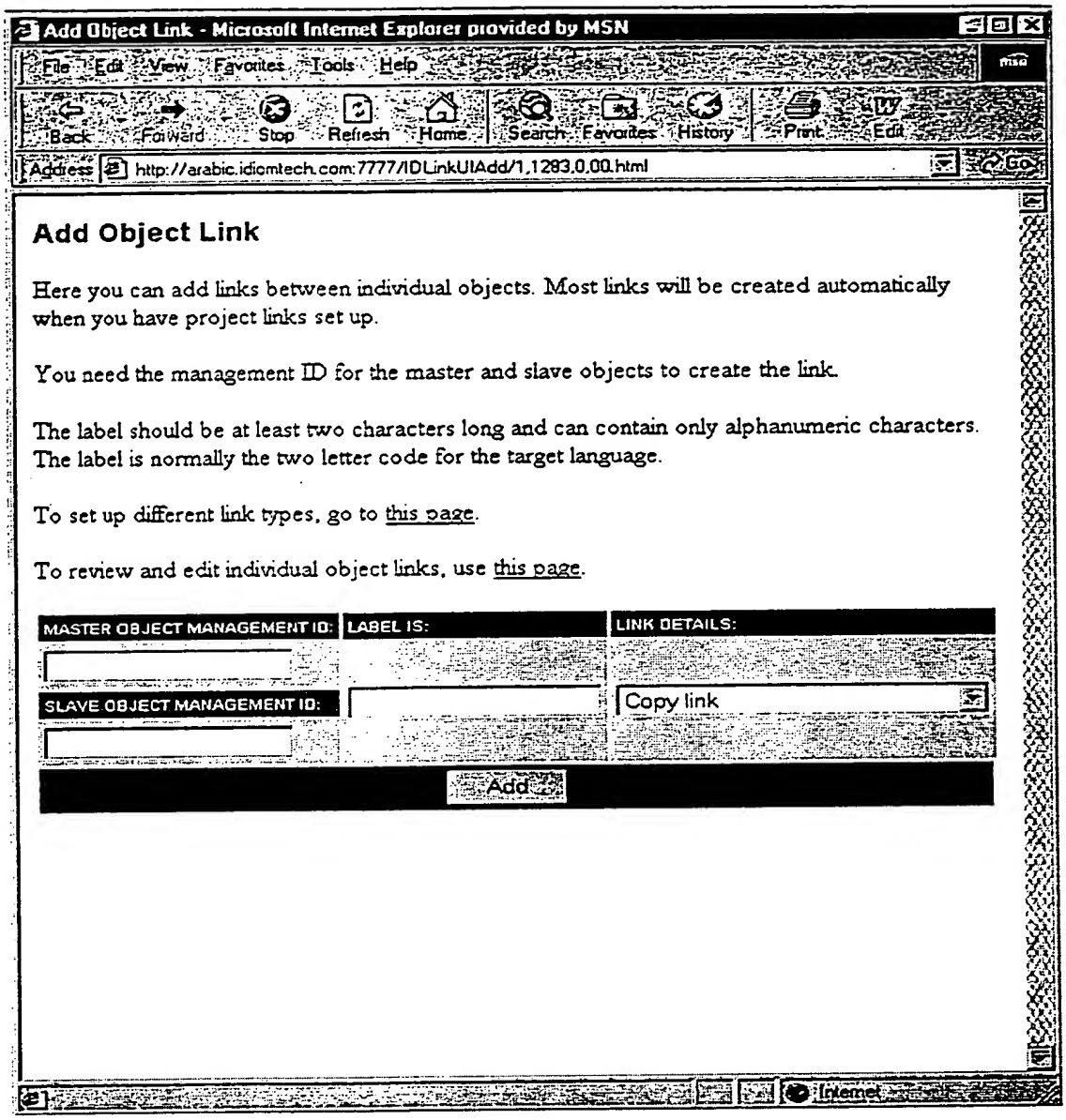

Add Object Link - Microsoft Internet Explorer provided by MSN
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Print Edit
Address http://arabic.idiomtech.com:7777/IDLinkUIAdd/1,1283,0,00.html
Go
Add Object Link
Here you can add links between individual objects. Most links will be created automatically when you have project links set up.
You need the management ID for the master and slave objects to create the link.
The label should be at least two characters long and can contain only alphanumeric characters. The label is normally the two letter code for the target language.
To set up different link types, go to this page.
To review and edit individual object links, use this page.
MASTER OBJECT MANAGEMENT ID:
LABEL IS:
LINK DETAILS:
SLAVE OBJECT MANAGEMENT ID:
Copy link
Add
Internet

FIG. 3F

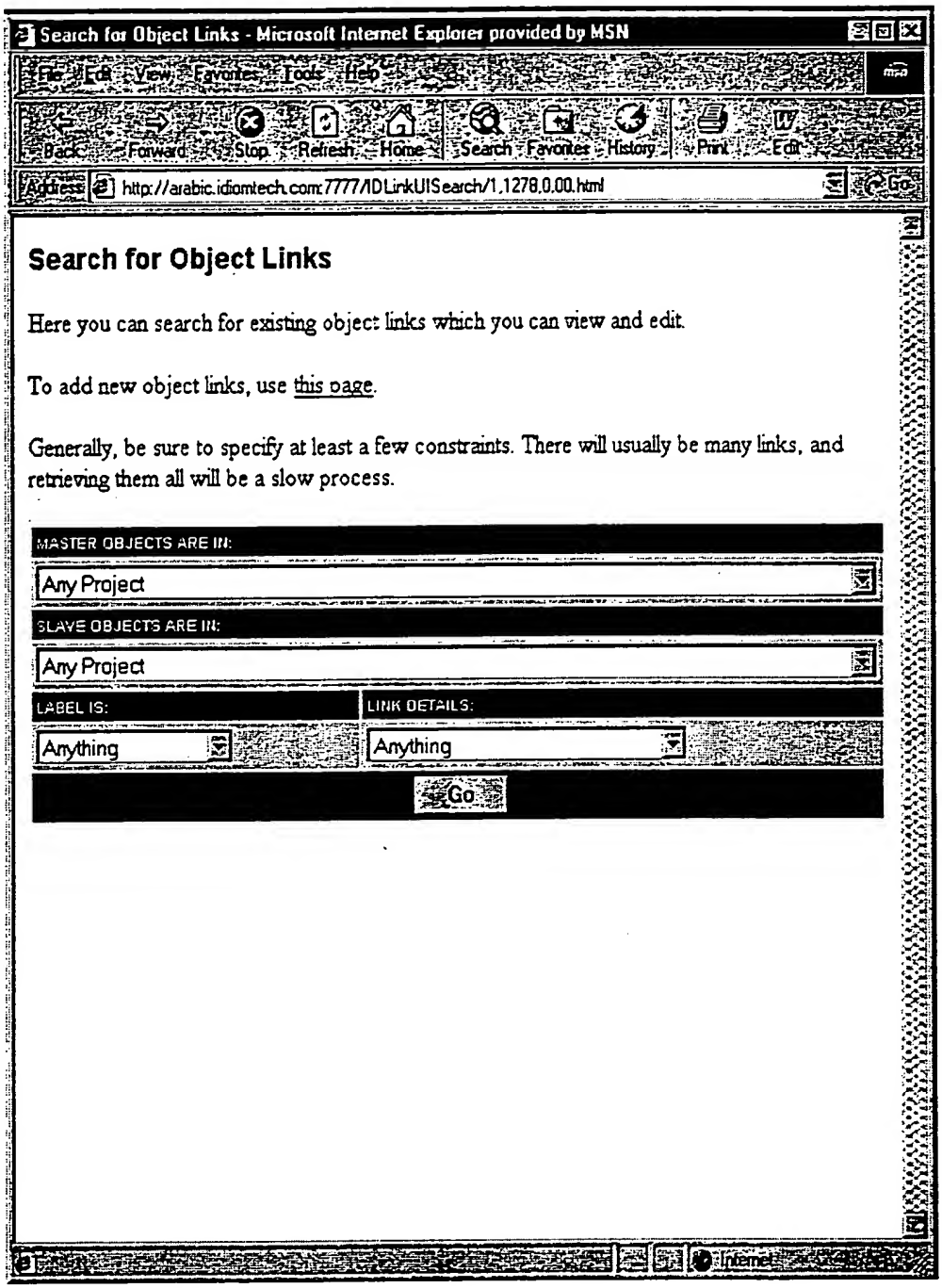

Search for Object Links - Microsoft Internet Explorer provided by MSN
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Print Edit
Address http://arabic.idiomtech.com:7777/ADLinkUISearch/1,1278,0.00.html
Go
Search for Object Links
Here you can search for existing object links which you can view and edit.
To add new object links, use this page.
Generally, be sure to specify at least a few constraints. There will usually be many links, and retrieving them all will be a slow process.
MASTER OBJECTS ARE IN:
Any Project
SLAVE OBJECTS ARE IN:
Any Project
LABEL IS:
Anything
LINK DETAILS:
Anything
Go
Internet

FIG. 3G

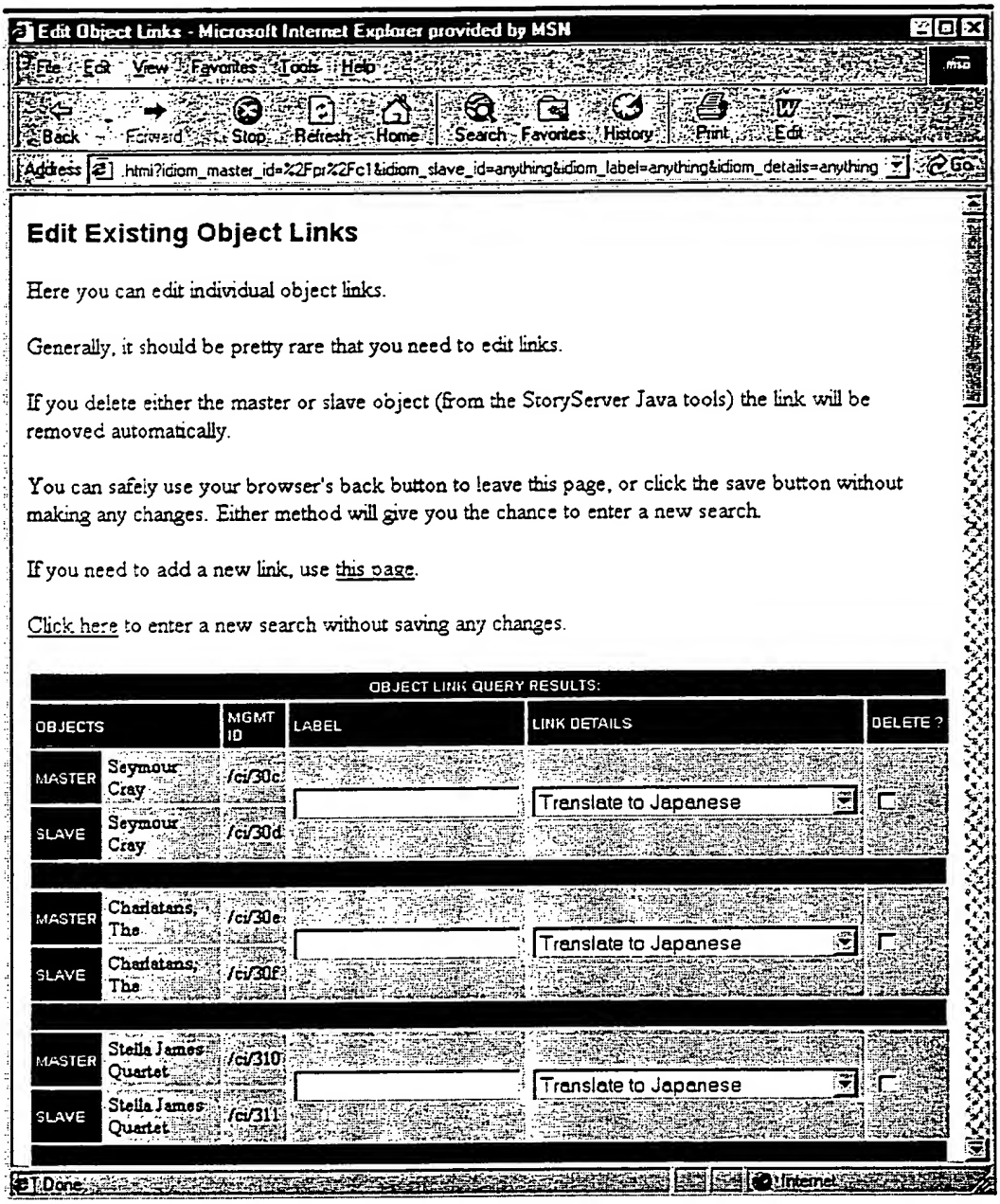

Edit Object Links - Microsoft Internet Explorer provided by MSN
File Edit View Favorites Tools Help
Back Forward Stop Refresh Home Search Favorites History Print Edit
Address .html?idiom_master_id=%2Fpi%2Fc1&idiom_slave_id=anything&idiom_label=anything&idiom_details=anything
Go
Edit Existing Object Links
Here you can edit individual object links.
Generally, it should be pretty rare that you need to edit links.
If you delete either the master or slave object (from the StoryServer Java tools) the link will be removed automatically.
You can safely use your browser's back button to leave this page, or click the save button without making any changes. Either method will give you the chance to enter a new search.
If you need to add a new link, use this page.
Click here to enter a new search without saving any changes.
OBJECT LINK QUERY RESULTS:
OBJECTS
MGMT ID
LABEL
LINK DETAILS
DELETE ?
MASTER Seymour Cray /ci/30c
Translate to Japanese
SLAVE Seymour Cray /ci/30d
MASTER Charlatans, The /ci/30e
Translate to Japanese
SLAVE Charlatans, The /ci/30f
MASTER Stella James Quartet /ci/310
Translate to Japanese
SLAVE Stella James Quartet /ci/311
Done
Internet

FIG. 3H

FIG. 4A

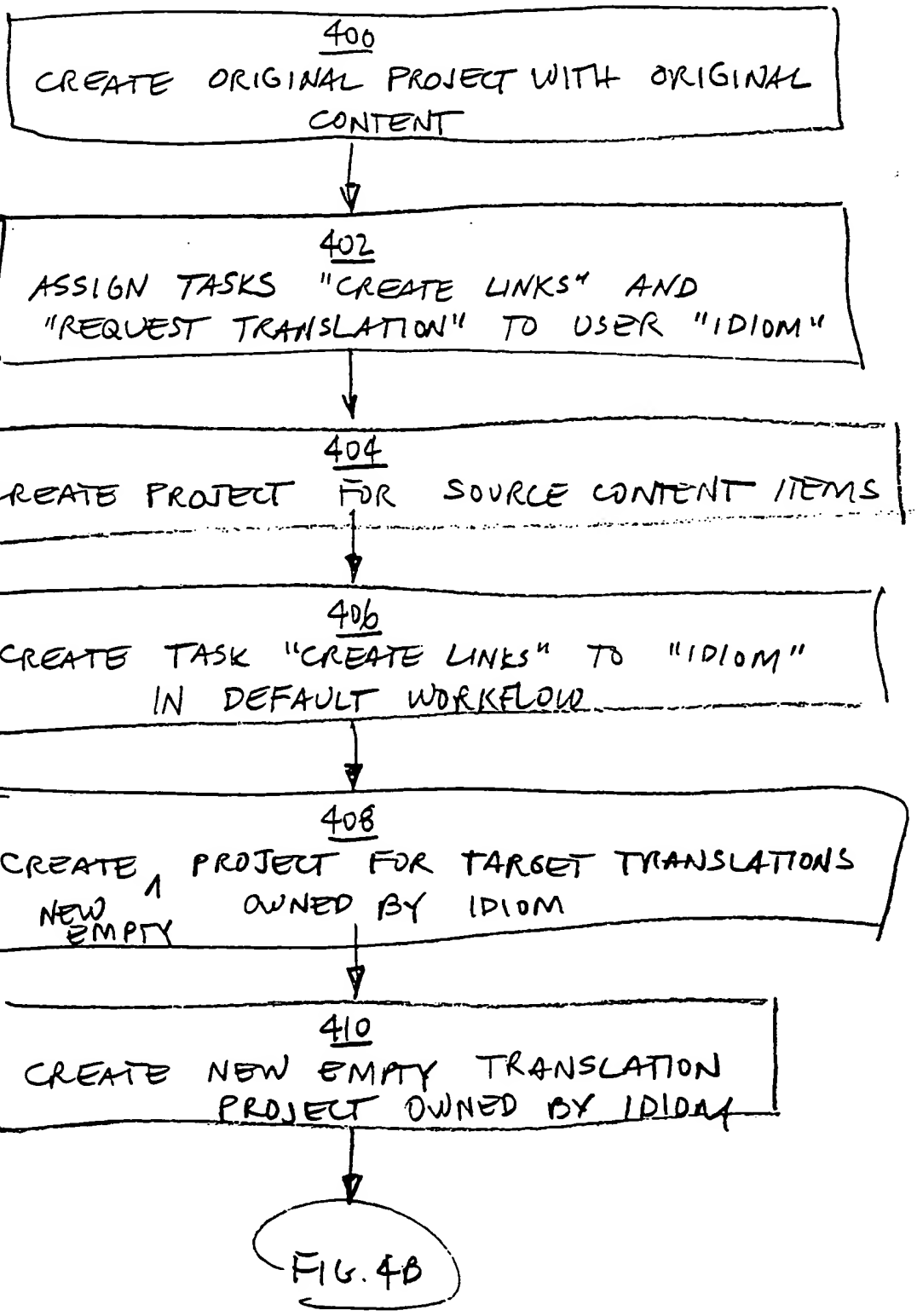

400
CREATE ORIGINAL PROJECT WITH ORIGINAL CONTENT
402
ASSIGN TASKS "CREATE LINKS" AND "REQUEST TRANSLATION" TO USER "IDIOM"
404
CREATE PROJECT FOR SOURCE CONTENT ITEMS
406
CREATE TASK "CREATE LINKS" TO "IDIOM" IN DEFAULT WORKFLOW
408
CREATE A NEW EMPTY PROJECT FOR TARGET TRANSLATIONS OWNED BY IDIOM
410
CREATE NEW EMPTY TRANSLATION PROJECT OWNED BY IDIOM
FIG. 4B

FIG. 4B

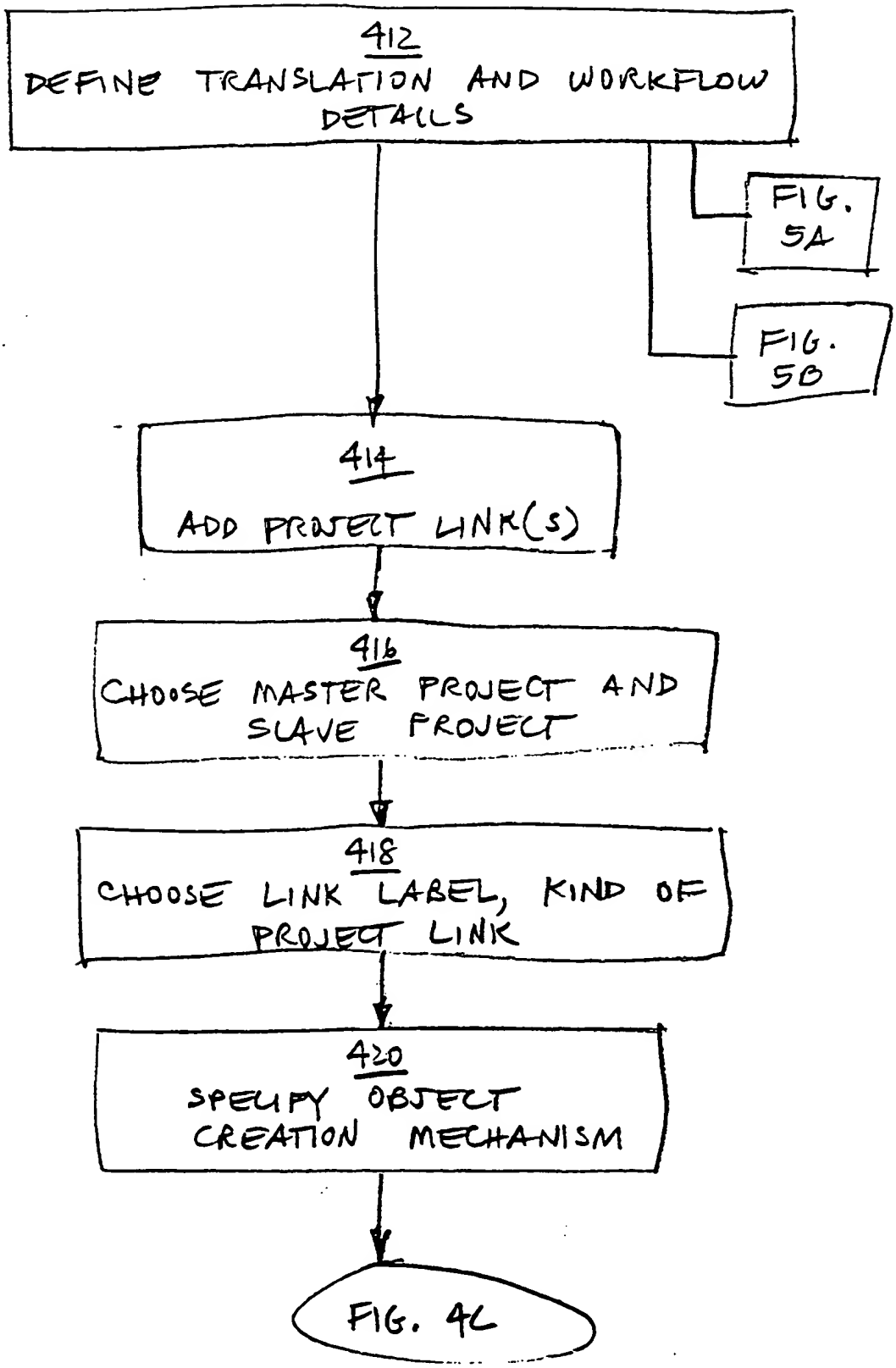

412
DEFINE TRANSLATION AND WORKFLOW DETAILS
FIG. 5A
FIG. 5B
414
ADD PROJECT LINK(S)
416
CHOOSE MASTER PROJECT AND SLAVE PROJECT
418
CHOOSE LINK LABEL, KIND OF PROJECT LINK
420
SPECIFY OBJECT CREATION MECHANISM
FIG. 4C

FIG. 4C

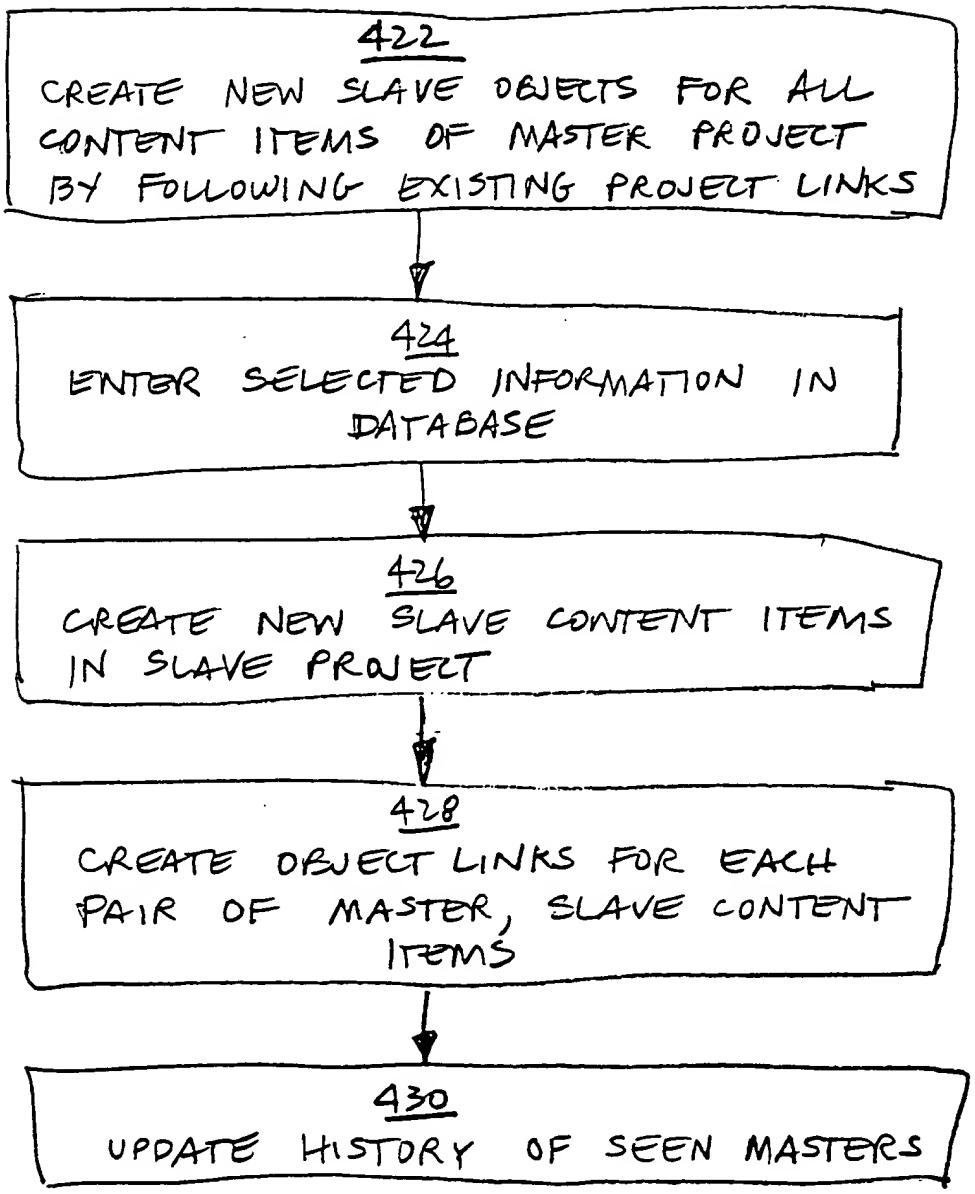

422
CREATE NEW SLAVE OBJECTS FOR ALL CONTENT ITEMS OF MASTER PROJECT BY FOLLOWING EXISTING PROJECT LINKS
424
ENTER SELECTED INFORMATION IN DATABASE
426
CREATE NEW SLAVE CONTENT ITEMS IN SLAVE PROJECT
428
CREATE OBJECT LINKS FOR EACH PAIR OF MASTER, SLAVE CONTENT ITEMS
430
UPDATE HISTORY OF SEEN MASTERS

FIG. 4D

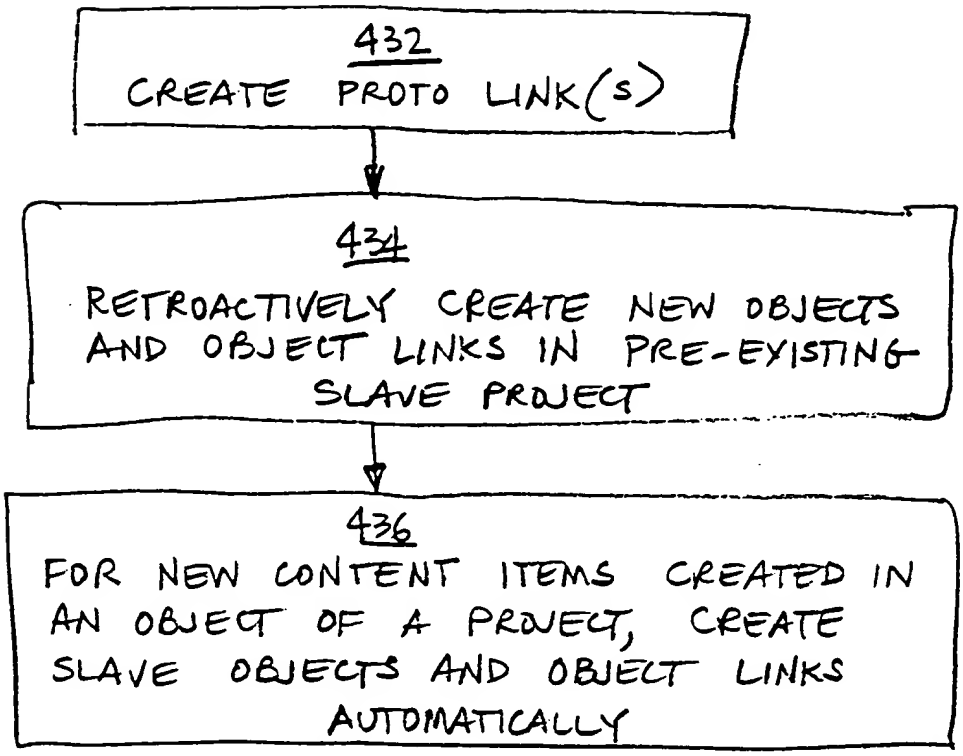

432
CREATE PROTO LINK(S)
434
RETROACTIVELY CREATE NEW OBJECTS AND OBJECT LINKS IN PRE-EXISTING SLAVE PROJECT
436
FOR NEW CONTENT ITEMS CREATED IN AN OBJECT OF A PROJECT, CREATE SLAVE OBJECTS AND OBJECT LINKS AUTOMATICALLY

FIG. 4E

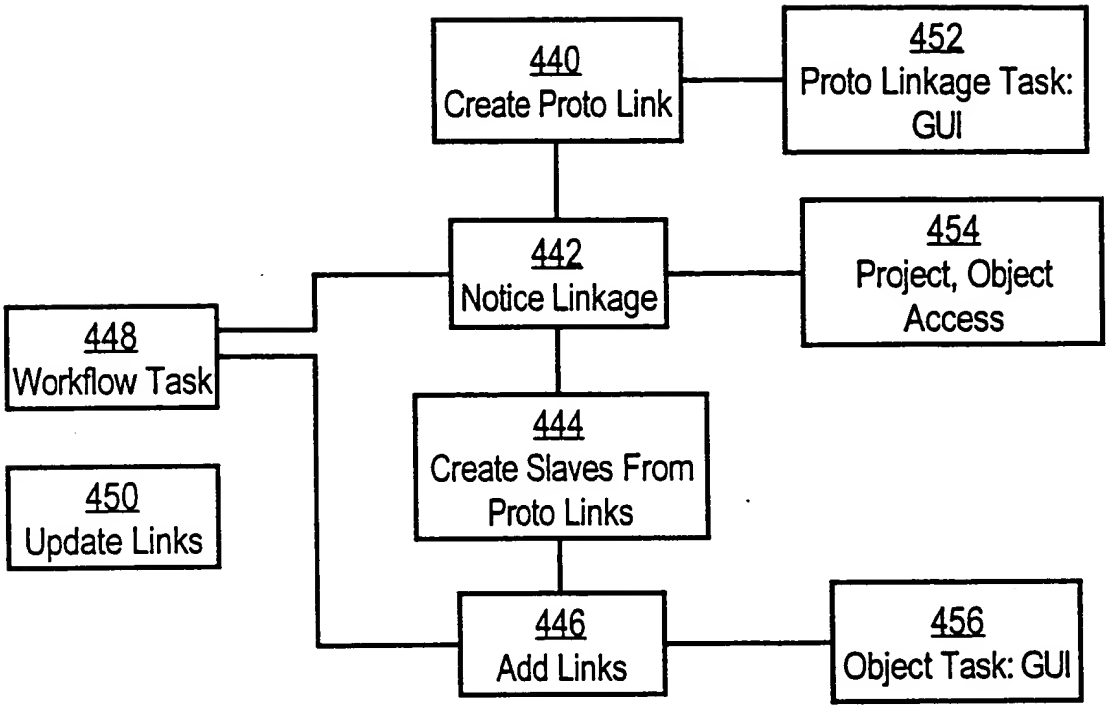

440
Create Proto Link
452
Proto Linkage Task: GUI
442
Notice Linkage
454
Project, Object Access
448
Workflow Task
444
Create Slaves From Proto Links
450
Update Links
446
Add Links
456
Object Task: GUI

FIG. 4F

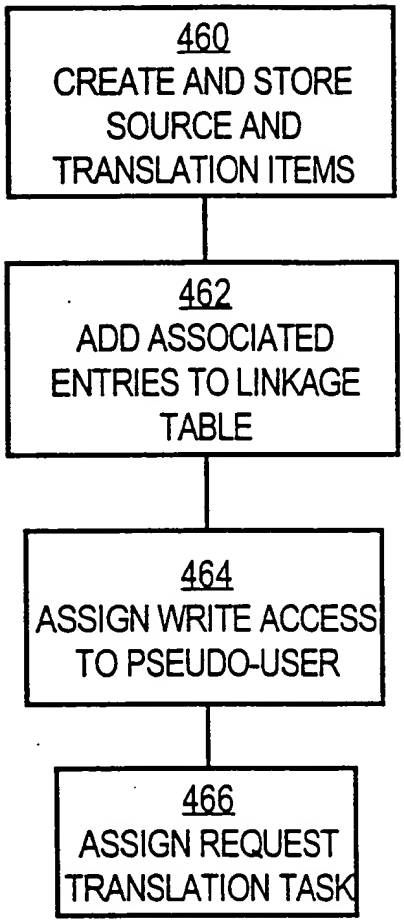

460
CREATE AND STORE SOURCE AND TRANSLATION ITEMS
462
ADD ASSOCIATED ENTRIES TO LINKAGE TABLE
464
ASSIGN WRITE ACCESS TO PSEUDO-USER
466
ASSIGN REQUEST TRANSLATION TASK

FIG. 5A

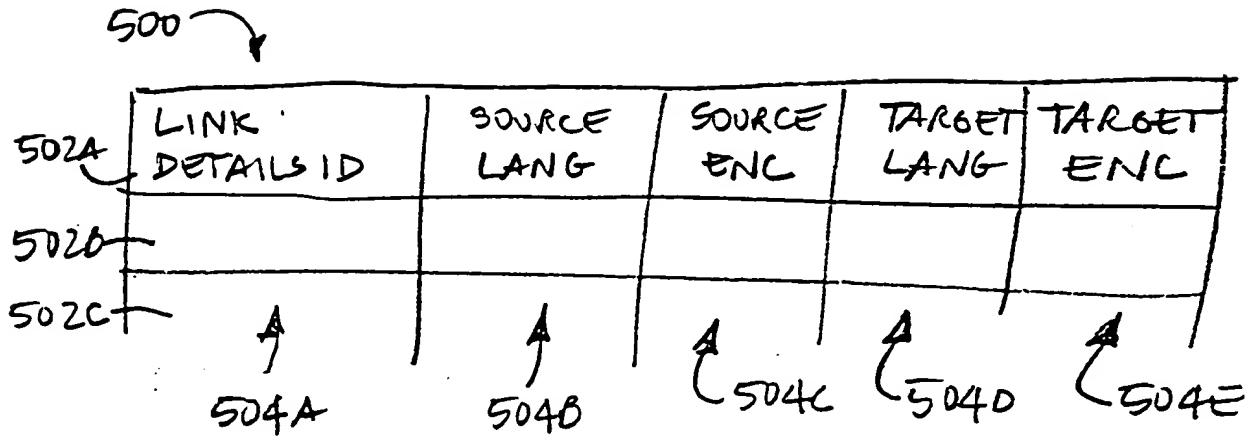

500
502A
LINK DETAILS ID
SOURCE LANG
SOURCE ENC
TARGET LANG
TARGET ENC
502B
502C
504A
504B
504C
504D
504E

FIG. 5B

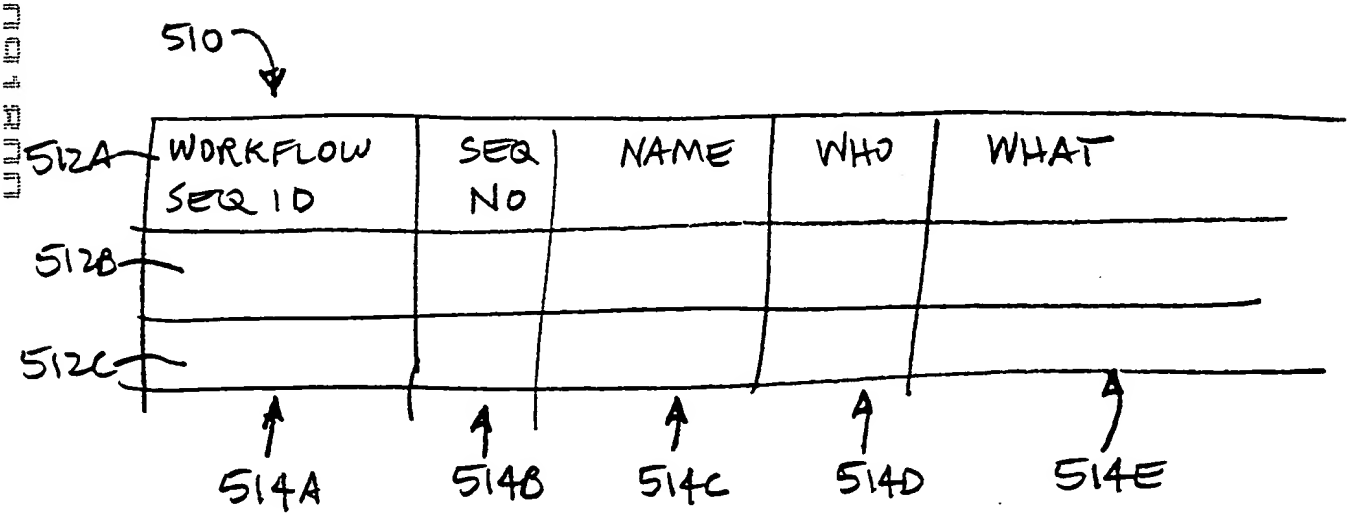

510
512A
WORKFLOW SEQ ID
SEQ NO
NAME
WHO
WHAT
512B
512C
514A
514B
514C
514D
514E

FIG. 5C

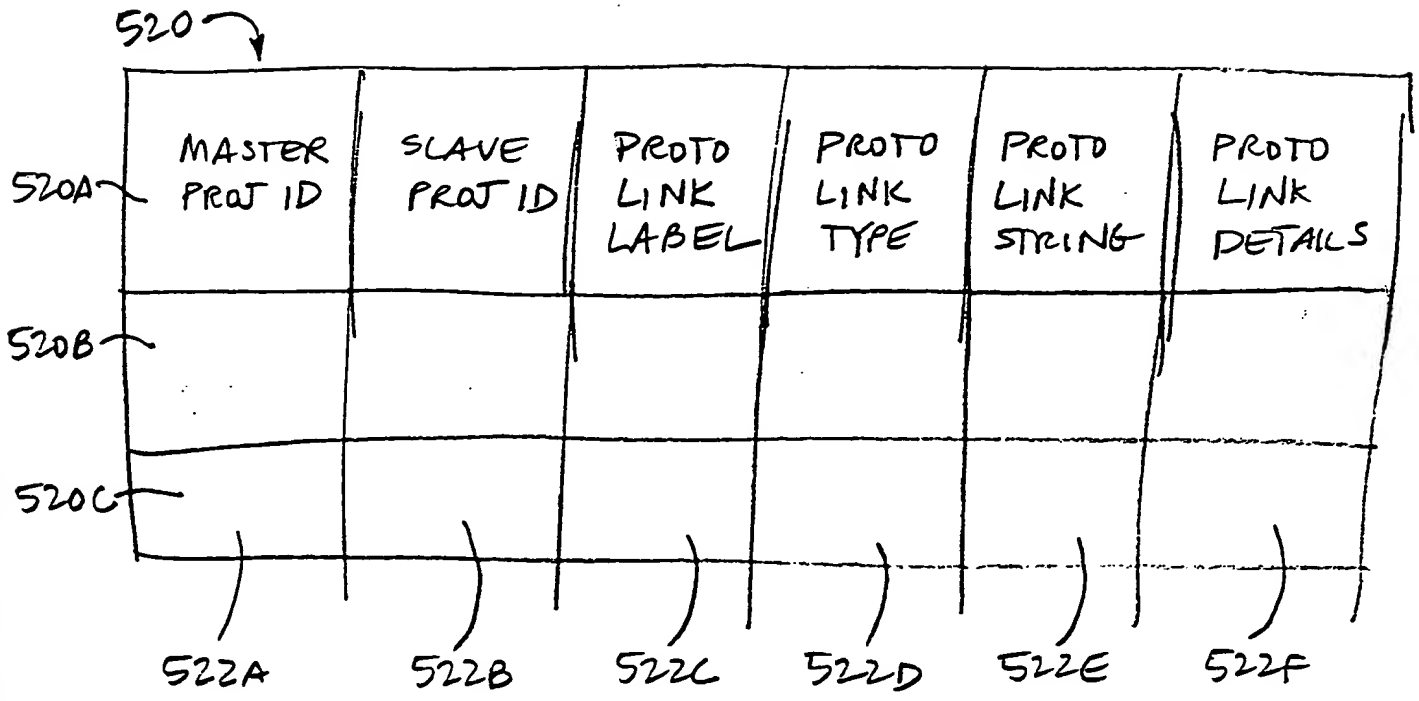

520
520A
520B
520C
MASTER PROJ ID
SLAVE PROJ ID
PROTO LINK LABEL
PROTO LINK TYPE
PROTO LINK STRING
PROTO LINK DETAILS
522A
522B
522C
522D
522E
522F

FIG. 5D

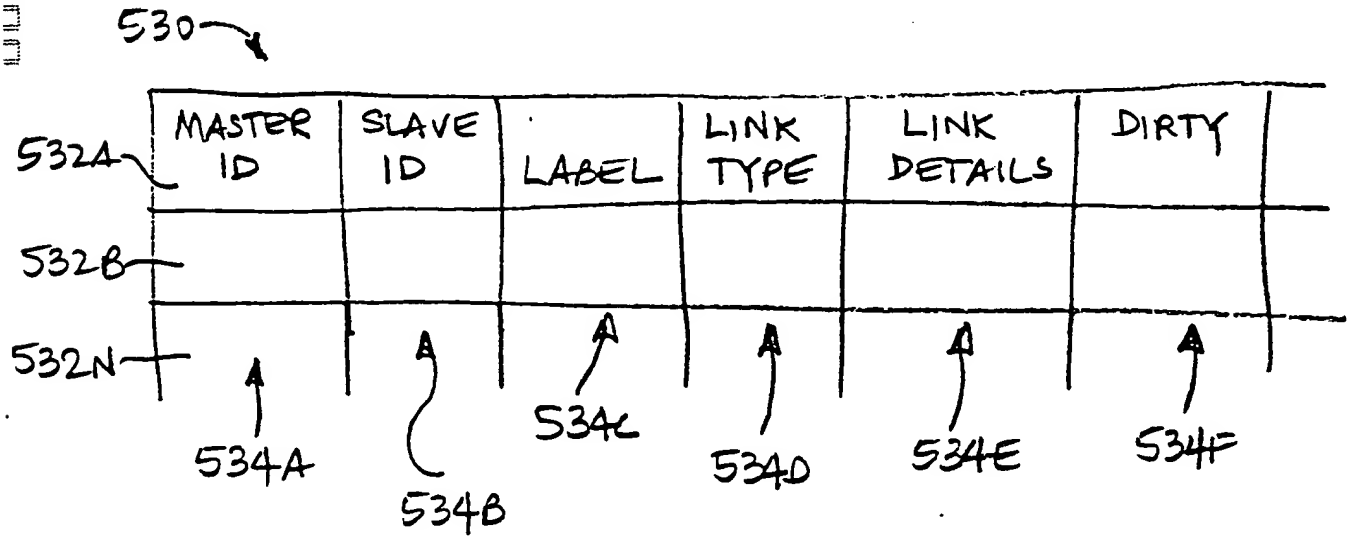

530
532A
532B
532N
MASTER ID
SLAVE ID
LABEL
LINK TYPE
LINK DETAILS
DIRTY
534A
534B
534C
534D
534E
534F

FIG. 5E

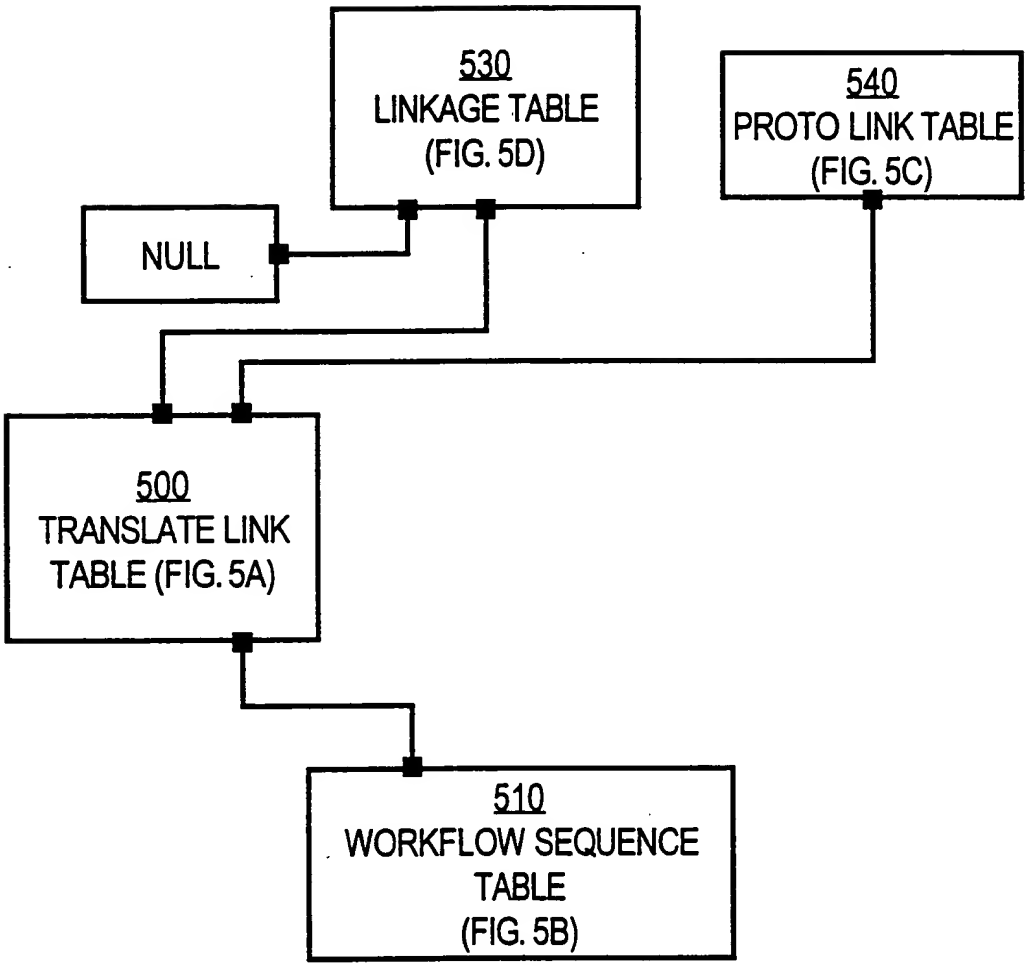
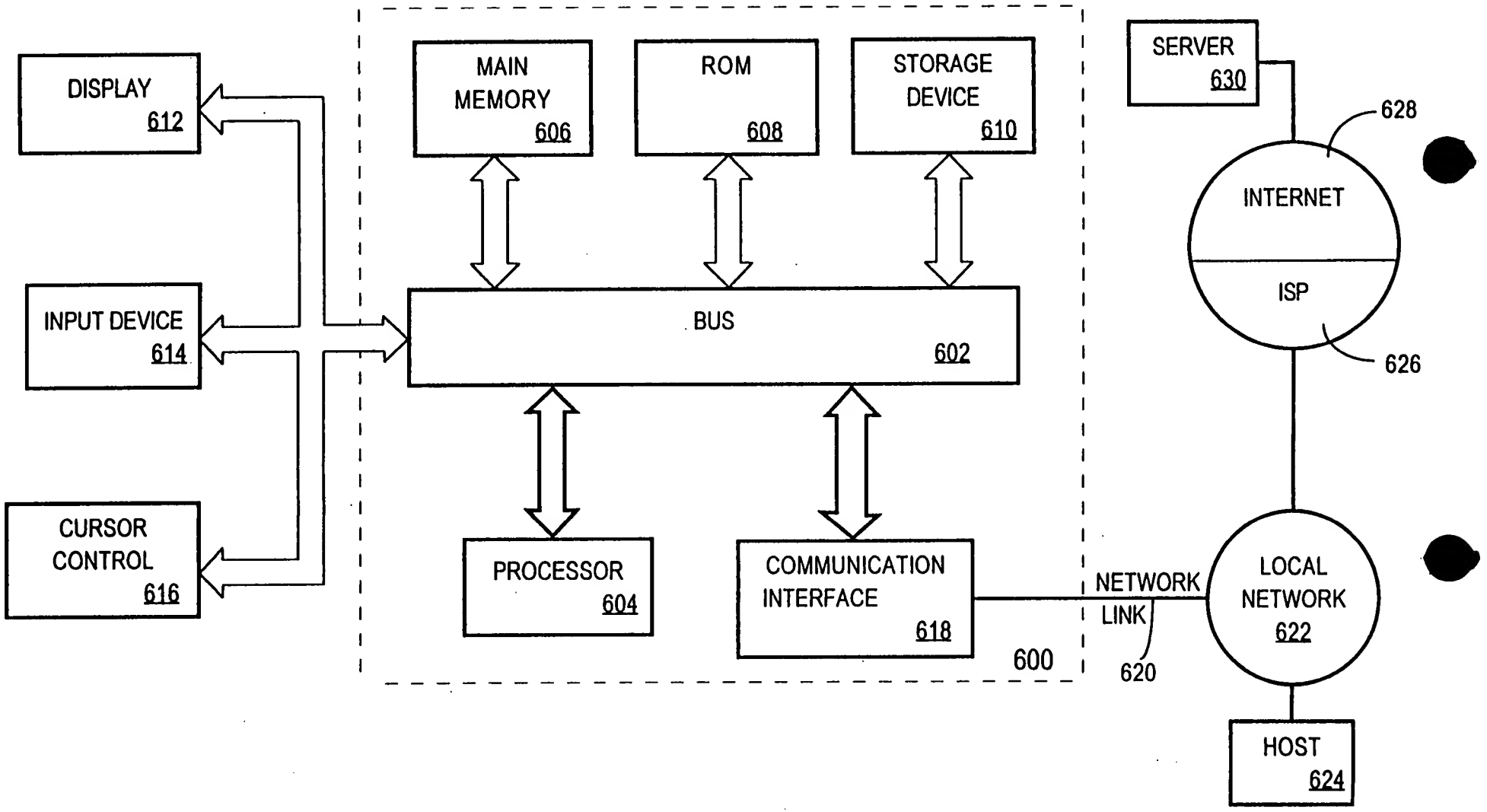

530
LINKAGE TABLE
(FIG. 5D)
540
PROTO LINK TABLE
(FIG. 5C)
NULL
500
TRANSLATE LINK
TABLE (FIG. 5A)
510
WORKFLOW SEQUENCE
TABLE
(FIG. 5B)

FIG. 6


DISPLAY
612
INPUT DEVICE
614
CURSOR
CONTROL
616
MAIN
MEMORY
606
ROM
608
STORAGE
DEVICE
610
BUS
602
PROCESSOR
604
COMMUNICATION
INTERFACE
618
600
NETWORK
LINK
620
SERVER
630
628
INTERNET
ISP
626
LOCAL
NETWORK
622
HOST
624